

ColorWave[®] 9000



Master peak volumes, shorten turnaround times

High speed printing perfected for technical documents and maps

Océ ColorWave® 9000

- **Productive CAD Workflow**
- **Highest Quality CAD Prints**
- **End-to-end Solution**

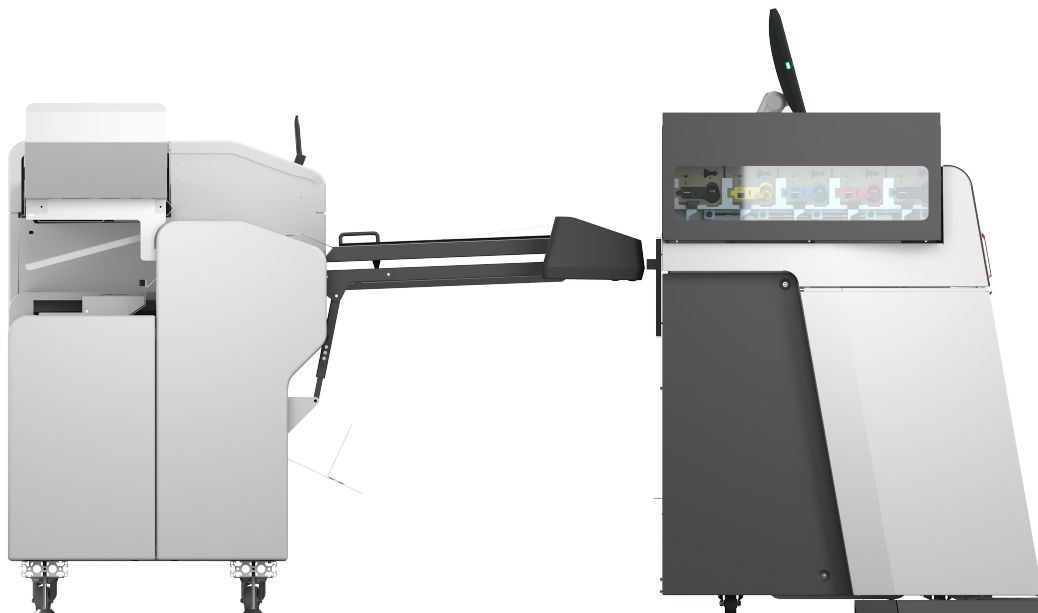
The high-speed Océ ColorWave 9000 wide-format printing system is the color-capable solution of choice in the most demanding production printing environments for technical documents and maps. Master peak volumes and shorten turnaround times with crisp, high-quality output at consistently high productivity levels.

Fueled by Océ Single Pass, a five-printhead fixed-array inkjet printing technology, the Océ ColorWave 9000 allows operators to plan their jobs to the minute. Enjoy consistent true-color productivity levels of up to 700m² per hour, regardless of image content, media type or finishing device. Reduce ink consumption costs with the smallest 1.2 picoliters drop size and the lowest ink coverage in the market. Raise the bar for technical document quality and realize instant-dry, high-quality prints at 1,600 dpi with great accuracy, readability, and fine details every time.

With the Océ ColorWave 9000 you can print hundreds of prints on a variety of media with minimal intervention. Save operator time on media handling with its 6-roll media capacity “the largest in the market” automated roll selection and semi-automated media (un)loading.

The support of the award-winning Océ service organization and the input from in-depth customer knowledge makes the Océ ColorWave 9000 the reliable cornerstone engine for a smoothly operating high-volume print organization.

Optimize your CAD workflow and secure your data with the improved, lightning-fast POWERsync controller. Boost your workflow using the complete set of well-known Océ workflow software applications that reflect the specialist workflows of technical document printing and offer significantly enhanced usability. This makes the Océ ColorWave 9000 the technical document specialist. When combined with the new top-of-the-range finishing devices “the Océ Folder Professional 6011/6013” it is a true end-to-end solution.



The Océ ColorWave 9000 with Océ Folder Professional 6011/6013

Productive CAD Workflow

Productivity is key

For high-volume print providers, whether reprographers, large AEC companies or digital or conventional print service providers, a productive workflow with the lowest need for interventions and the least potential for delays is critical. With customers who need their wide variety of print jobs handled quickly, professionally and with the right quality level, being able to accurately schedule your jobs can make the difference between stressful, unpredictable days or satisfied return customers.

Unwavering speed and predictability

The Océ ColorWave 9000 prioritizes a predictable, easy-to-use, productive CAD workflow for high-volume production environments. The Océ ColorWave 9000 delivers improved net productivity and highly consistent print speed of up to 11.5 A0/E or 16 A1/D pages per minute, regardless of image content, media type or finishing device. Its high output predictability helps you schedule jobs and processes easily and reliably.

Technical document specialist

Beyond its high capacity for raw productivity, the Océ ColorWave 9000 is a true specialist for CAD workflows. Its highly secure Océ POWERsync controller (running on Windows 10 IoT Enterprise OS) with embedded Adobe PDF print engine 4 supports all industry standard CAD languages (PS, PDF, HP-GL, HP-GL/2, CalComp, JPG, TIFF, CALS, NIRS, C4), giving you lightning-fast job processing. The Océ POWERsync controller allows operators to enjoy fast and accurate file interpretation and error-free automatic behavior (auto-rotation and automatic media selection and positioning of title blocks). For ease of use in job submission, the Océ ColorWave 9000 supports all free-to-use job submission tools in the Océ ClearConnect software suite: Wide Format Printer Driver for Microsoft Windows 2 (WPD2), Océ Publisher Select 3 and PostScript Driver 3. For additional flexibility and power, the ColorWave 9000 supports advanced RIP software, such as Océ ReproDesk or third-party RIPs. It easily connects to third-party software applications via the Océ Wave interface.



Highest Quality CAD Prints

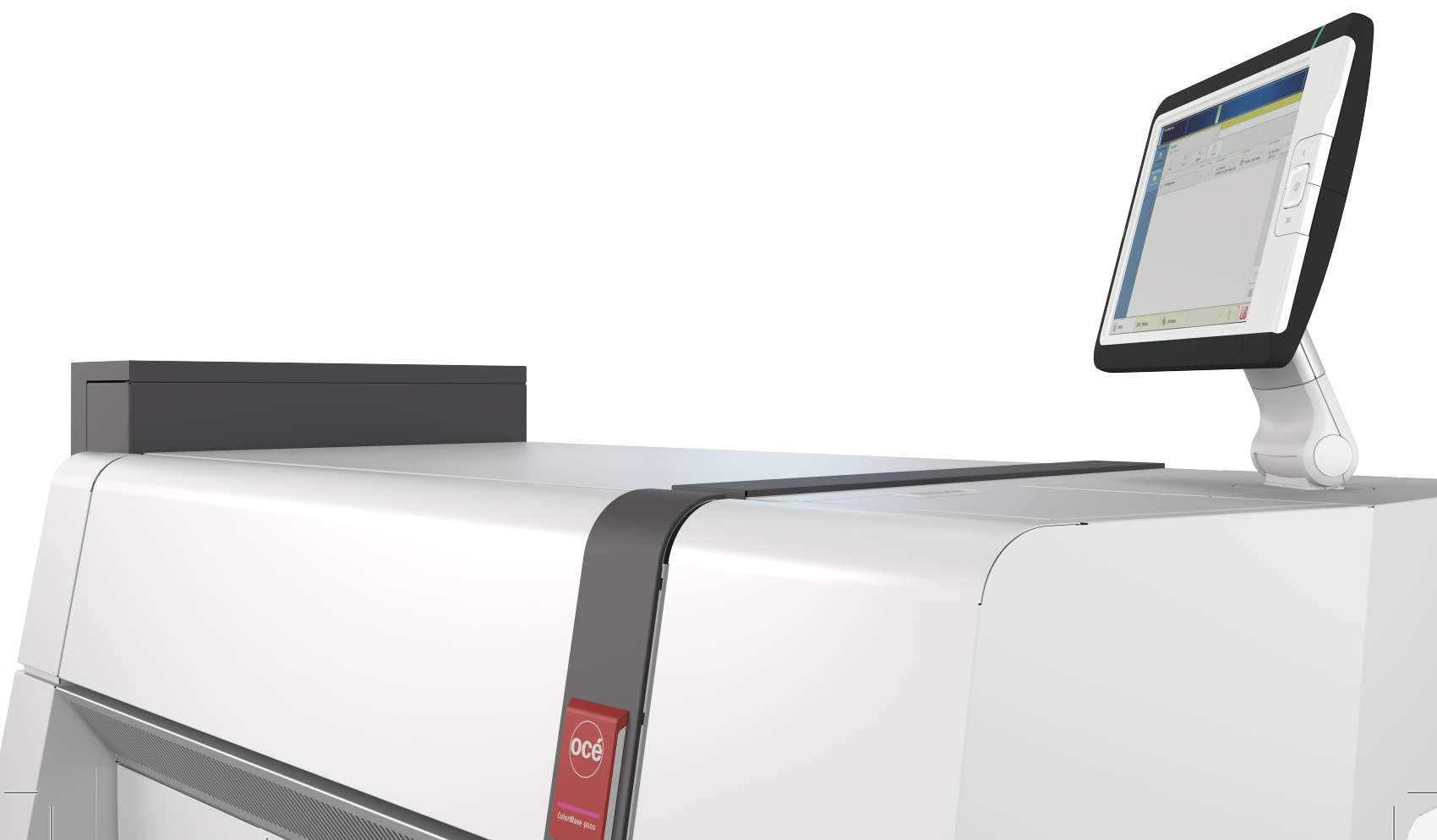
In print environments where technical documents, CAD renderings and maps are the main type of output, it is important to be able to offer excellent image quality that conveys highly detailed information. The Océ ColorWave 9000 offers the necessary accuracy, readability and fine details every time. With excellent print quality even on untreated media, cost-saving options are readily available.

The heart of the Océ ColorWave 9000 is the Océ Single Pass technology. This full-width printhead array can print sizes up to 1067 mm/42 inch in a single pass, without moving the printheads. It features the smallest drop size in the market: 1.2 picoliters, ensuring the best ink efficiency. Together, this provides stunning productivity and the highest CAD print quality:

- Instant-dry output on a wide range of media, including uncoated, coated, surface-treated and treated media - for economical or scratch and moisture resistant print quality
- An incredible 1,600 x 1,600 dpi resolution
- High print speeds: the 5 printheads fire over 3 billion ink droplets per second from more than 350,000 nozzles, and the full-width fixed printhead array ensures that the printheads do not need to scan back and forth
- The Océ ColorWave 9000 uses on average nearly half the ink as the nearest competitor



To support the print quality needed in high-volume TDS printing environments, the Océ ColorWave 9000 also offers a wide color gamut and excellent grayscale spectrum for rich colors and a natural representation of gray levels. The embedded color-management system and media profiles help you easily print accurate, true colors. And because the ink reflects light uniformly, your prints look consistent from all angles.



End-to-end Solution

True productivity is not measured by the speed of a single component, but by the speed of the total path from job submission to stacked or folded delivery. This is where the Océ ColorWave 9000 truly shines, as it has been created to be an end-to-end solution. The Océ ColorWave 9000 has excellent compatibility with all industry-standard print languages, features the latest in Océ job submission software and offers excellent productivity and output quality. In addition, the media handling, user interface and available finishing devices have all been created with the end user's workflow and applications in mind.

Media that just keeps going

With 6 media rolls of 1067 mm/42 inch maximum width, the Océ ColorWave 9000 has the highest media capacity on the market. 1,200 m (almost 4,000 feet) of media is enough for even a high-volume environment to be able to print hundreds of prints without having to restock media. Switching between media is a breeze - all 6 media rolls can be addressed and automatically switched when another media type or size is required, without operator attention. If a roll is finished, loading a new one is simple thanks to the automatic roll width detection.

Ergonomic operator access

One way the Océ ColorWave 9000 supports a productive workflow is through its large and intuitive multi-touch ClearConnect user interface. The interface can rotate so operators can easily reach the screen from the front of the engine or from the back. For instance while loading media, doing maintenance or when operating the finishing device.

Optimized finishing workflow

The connection between printer and finishing device is a well-known source of productivity issues. For the Océ ColorWave 9000, two new finishing devices have been added to the portfolio that are perfectly tuned to the printer.

New full-fold folder - Océ Folder Professional 6011/13 This highly reliable folder maintains fold speeds that can keep up with the printer. The folder takes the instant-dry printed output and transforms it into 11.5 folded A0/E pages per minute. The folder can now handle thicker media through open-folder bridge printing. An integrated touch-screen user panel allows for easy operation alongside the printer. Add reinforcement strips using the optional reinforcement unit (tab applicator) and expand your folding options with the optional map fold license and long fold license.





1 TECHNICAL DOCUMENT SPECIALIST

- Optimize your CAD workflow with the lightning fast Océ POWERSync controller that supports a complete range of industry standard CAD languages.
- Secure your data using the highly secure Windows 10 IoT Enterprise OS POWERSync controller.
- Enjoy error-free automatic behavior utilizing the embedded Adobe PDF Print Engine 4 for fast and accurate file interpretation.
- Boost your workflow using the complete set of free-to-use job submission tools in the Océ ClearConnect software suite.

2 HIGHEST QUALITY CAD PRINTS

- Reduce ink consumption costs with the smallest 1.2 picoliters drop size and lowest ink coverage in the market. Save nearly twice as much on ink as with the nearest competitive offering.
- Raise the bar for technical document quality. Print excellent grayscale output and rich colors, even on cheap uncoated paper, thanks to the widest inkjet color gamut. Attain great accuracy, readability, and fine details at a 1,600 x 1,600 dpi resolution every time.
- Expand your business and combine high quality technical documents, GIS maps and short term POS on one system.

3 RELIABLE SCHEDULING

- Master peak volumes with print speeds up to 11.5 A0/E or 16 A1/D pages per minute. Instant-dry output ensures consistent productivity levels regardless of image content, media type or finishing device.
- Shorten turn-around times with enhanced true productivity levels and print up to 700 m² per hour.

4 EFFORTLESS OPERATION

- Save operator time on media handling with the largest 6-roll media capacity in the market, automatic roll switching and semi-automated media (un)loading.
- Enjoy ergonomic operator access with the 180° rotatable Océ ClearConnect User Interface supporting easy and intuitive Green button operation.

5 OPTIMISED FINISHING WORKFLOW

Océ Folder Professional 6011/6013

- Save labor costs. The operator can conduct other tasks worry-free whilst waiting for job completion thanks to the high reliability of the online folder and its large delivery capacity.
- Become more versatile by expanding your folding options with a map fold- or a long fold license, or by adding a reinforcement unit (tab applicator).